

25X1A

CLASSIFICATION **SECRET**  
 SECURITY INFORMATION  
 CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT NO.

CD NO

DATE DISTR 23 March 1953

NO OF PAGES 1

NO OF ENCLS.

SUPPLEMENT TO  
REPORT NO.

COUNTRY East Germany

SUBJECT Construction of Lugger Transmitters by the  
RFT Funkwerk KoepenickPLACE  
ACQUIRED  
25X1C  
DATE OF  
INFO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE  
 OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT OF  
 1917, AS AMENDED. ITS TRANSMISSION OR THE REVELATION  
 OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-  
 HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

25X1X

SOURCE

1. The lugger transmitter, built by the RFT Funkwerk Koepenick, was used in a trial run from Rostock as far as to the polar sea during the period 1 to 28 October 1952. The transmitter was developed by Engineer Richter (fnu) with Engineers Grimm and Retz participating in the trial. The allwave receiving set was used during the test which proved very satisfactory. Radio communication was possible from the lugger to the Funkwerk, on a frequency of 4 megacycles on a 24-hour schedule.
2. An improved model of the lugger transmitter was completed by the Abteilung Schiffsfunk (Ship Radio Department) in December 1952. The wiring was slightly changed in the second model and the design considerably improved by the use of three mechanically coupled revolving coils (mechanisch gekoppelte Spulenrevolver) resulting in an extremely accurate frequency adjustment.
3. The improved transmitter was also used as control stage (Steuerstufe) for the KN 3 transmitter which was equipped in the terminal stage (Endstufe) with a 782 Telefunken tube. With respect to the power supply, a capacity of only 3 kw was provided though a capacity of 6 kw, at 24 megacycles, was achieved in preliminary tests with the KN 3 transmitter.

25X1A

25X1A

1.  Comment: Possibly Dr. Wilhelm Grimm, Dipl. Ing., head of the  
 (commercial radio) department at RFT Funkwerk, Koepenick.

CLASSIFICATION

SECRET

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION							
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI	OSI	Ev	<input checked="" type="checkbox"/>					

25X1

hce